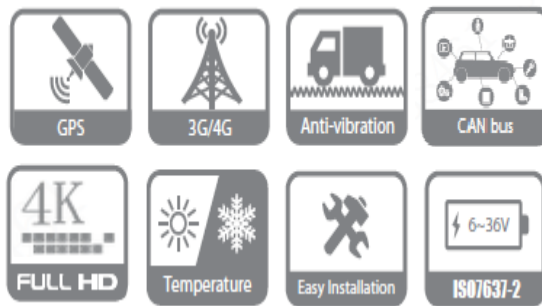


# MNVR8104-GFW

4 Channel PoE Mobile Network Video Recorder



- Up to 4 channel with 4K realtime live view
- Support 1 SATA HDDs up to 2TB, 2 USB2.0
- H.265/H.264 dual codec decoding
- Max 200 Mbps recording rate
- 4 channel synchronous realtime playback
- Support IPC UPnP, 4 PoE ports
- Aviation connectors adopted ensuring signal stability
- ONVIF Version 2.3 conformance
- Multiple network monitoring: Web viewer, CMS(DSS/PSS) & DMSS



## System Overview

MNVR8104 is a premium mobile video recorder which can support 4 channel 4K high-definition real-time recording, it can support real-time vehicle location tracking and monitoring, and all the information such as GPS and video can be uploaded by wireless network: 3G/4G/WIFI. This device can also support to connect various accessories, such as card reader, fuel sensor, emergency button. This device can be used in kinds of solutions for different applications, such as city bus/school bus/taxi/police car/train/truck.

## Functions

### Anti-vibration

Using shock-absorbing material and structure, the new designed hard disk box can cope with varying degrees of vibration, keeping the system work normally all the time.

### Wide range of power supply

As the voltage output of vehicle battery changes during driving, the wide range of power supply can protect the device.

### 3G/4G/WIFI

Embedded with 3G/4G/WIFI module, the device can register into a public network to connect with VMS, and can send all the information(video/audio/alarm/gps) through wireless network.

### GPS

Embedded GPS module can receive location information and upload to VMS, and the vehicle can be tracked on the electric map of VMS.

### Multiple ports

With kinds of ports, like CAN, RS232, RS485, I/O, the video recorder can connect with various of accessories, such as card reader, fuel sensor, panic button and so on, so that the video, audio, alarm and location information can be uploaded to VMS.

### Technical Specification

#### System

Main Processor	Dual-core embedded microprocessor
Operating System	Embedded LINUX

#### Audio and Video

IP Camera Input	4 Channel
Two-way Talk	1 Channel Mic in, 1 Channel Mic out

#### Display

Interface	1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
Privacy Masking	4 rectangular zones (each camera)
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording

#### Recording

Video/Audio Compression	H.265/H.264 G.711/PCM
Resolution	4K/5MP/3MP/1080P(1920×1080)/720P(1280×720)/ D1(704×576/704×480)/HD1(352×576/352×480)/ 2CIF(704×288/704×240)CIF(352×288/352×240)/ QCIF(176×144/176×120)
Record Rate	Max 200 Mbps
Bit Rate	48~8192Kb/s
Record Mode	Manual, Schedule(Regular(Continuous), MD, Alarm), Stop
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec

#### Video Detection and Alarm

Trigger Events	Recording, PTZ, Tour, Alarm out, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396(22×18), Video Loss & Camera Blank
Alarm input	6 channel
Relay Output	2 channel (contain 1 control +12V)

#### Playback and Backup

Playback	1/4
Search Mode	Time/Date, Alarm, Motion Detection & Exact search (accurate to second), Smart search
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network/Internal HDD

#### Storage

Internal HDD	1 SATA Port, Up to 2 TB capacity
Memory Slot	1 SD card

#### Network

Ethernet	1 RJ-45 Port (10/100 Mbps)
PoE Port	4 ports(IEEE802.3af/at)
Wireless Network	Built-in 3G/4G/Wi-Fi module(optional)
Positioning	GPS(optional)
Network Function	TCP/IP, UDP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Email, Alarm Server
Max. User Access	128 users
Smart Phone	iPhone, iPad, Android, Windows Phone

#### Auxiliary Interface

USB	2 Ports , USB 2.0
RS232	2 Ports, for PC Communication and Keyboard
RS485	1 Port, for PTZ Control
CAN	Support
Gyro	Support

#### Electrical

Power Supply	DC 6V~36V
Power Consumption	13W (without HDD)

#### Environmental

Working Environment	-30°C (heater optional)~+60°C / 10%~95%RH / 86~106kpa
---------------------	--

#### Construction

Dimensions(W×D×H)	180mm×210mm×50mm
Weight	3kg (with HDD)

#### Certifications

CE	FCC
EN50155	ISO7637

### Dimensions (mm)

